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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: Wed Nov 07 10:38:58 EST 2007

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Reviewer Comments:

Seq Id 1 and 2

misaligned amino acid numbering. The numbering under each 5th amino
acid is misaligned. Do not use tab codes between numnbers use space
characters, instead.

Application No: 10573478 Version No: 1.0

Input Set:

Output Set:

Started: 2007-10-22 16:29:49.364
 Finished: 2007-10-22 16:29:53.300
 Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 936 ms
 Total Warnings: 6
 Total Errors: 129
 No. of SeqIDs Defined: 22
 Actual SeqID Count: 22

Error code	Error Description
E 201	Mandatory field data missing in <223> in SEQ ID (1)
E 322	CDS location out of range SEQID (1) At Protien count (1)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (10)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (13)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (22)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (28)
E 300	Invalid codon found tta SEQID (1) POS: 46
E 323	Invalid/missing amino acid numbering SEQID (1) POS (61)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (64)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (73)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (79)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (88)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (94)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (121)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (124)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (133)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (139)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (166)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (169)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (178)

Input Set:

Output Set:

Started: 2007-10-22 16:29:49.364
Finished: 2007-10-22 16:29:53.300
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Total Warnings: 6
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No. of SeqIDs Defined: 22
Actual SeqID Count: 22

Error code	Error Description
E 323	Invalid/missing amino acid numbering SEQID (1) POS (184)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (211)
E 323	Invalid/missing amino acid numbering SEQID (1) POS (214) This error has occurred more than 20 times, will not be displayed
E 201	Mandatory field data missing in <223> in SEQ ID (3)
E 322	CDS location out of range SEQID (3) At Protein count (1)
E 300	Invalid codon found ttg SEQID (3) POS: 46
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
E 355	Empty lines found between the amino acid numbering and the
E 321	No. of Bases conflict, this line has no nucleotides SEQID (22)

SEQUENCE LISTING

<110> Kiselev, Vsevolod I
Petr, Sveshnikov G

<120> METHODS, KITS, AND COMPOSITIONS FOR THE DEVELOPMENT AND USE
OF MONOCLONAL ANTIBODIES SPECIFIC TO ANTIGENS TRADITIONALLY
OF LOW IMMUNOGENICITY

<130> Immunize

<140> 10573478

<141> 2007-10-22

<150> RU 2003128660

<151> 2003-09-25

<160> 22

<170> Patentln version 3.1

<210> 1

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<213> Human papillomavirus type 16

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<221> CDS

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Asp Leu Gln Pro Glu Thr Thr Asp Leu Tyr Cys Tyr Glu Gln Leu Asn

15 20 25 30

gac agc tca gag gag gag gat gaa ata gat ggt cca gct gga caa gca 144

Asp Ser Ser Glu Glu Glu Asp Glu Ile Asp Gly Pro Ala Gly Gln Ala

35 40 45

gaa ccg gac aga gcc cat tac aat att gta acc ttt tgt tgc aag tgt 192

Glu Pro Asp Arg Ala His Tyr Asn Ile Val Thr Phe Cys Cys Lys Cys

50 55 60

gac tct acg ctt cgg ttg tgc gta caa agc aca cac gta gac att cgt 240

Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile Arg

65 70 75

act ttg gaa gac ctg tta atg ggc aca cta gga att gtg tgc ccc atc 288

Thr Leu Glu Asp Leu Leu Met Gly Thr Leu Gly Ile Val Cys Pro Ile

80 85 90

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Cys Ser Gln Lys Pro
95

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<213> Human papillomavirus type 16

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20 25 30
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35 40 45
Asp Arg Ala His Tyr Asn Ile Val Thr Phe Cys Cys Lys Cys Asp Ser
50 55 60
Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile Arg Thr Leu
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Gln Lys Pro

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His Leu Glu Pro Gln Asn Glu Ile Pro Val Asp Leu Leu Cys His Glu
15 20 25 30
caa tta agc gac tca gag gaa gaa aac gat gaa ata gat gga gtt aat 144
Gln Leu Ser Asp Ser Glu Glu Glu Asn Asp Glu Ile Asp Gly Val Asn
35 40 45

cat caa cat tta cca gcc cga cga gct gaa cca caa cgt cac aca atg 192
 His Gln His Leu Pro Ala Arg Arg Ala Glu Pro Gln Arg His Thr Met
 50 55 60

ttg tgt atg tgt tgt aag tgt gaa gcc aga att gag cta gta gta gaa 240
 Leu Cys Met Cys Cys Lys Cys Glu Ala Arg Ile Glu Leu Val Val Glu
 65 70 75

agc tca gca gac gac ctt cga gca ttc cag cag ctg ttt ctg aac acc 288
 Ser Ser Ala Asp Asp Leu Arg Ala Phe Gln Gln Leu Phe Leu Asn Thr
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<211> 106

<212> PRT

<213> Human papillomavirus type 18

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Glu Pro Gln Asn Glu Ile Pro Val Asp Leu Leu Cys His Glu Gln Leu
 20 25 30

Ser Asp Ser Glu Glu Glu Asn Asp Glu Ile Asp Gly Val Asn His Gln
 35 40 45

His Leu Pro Ala Arg Arg Ala Glu Pro Gln Arg His Thr Met Leu Cys
 50 55 60

Met Cys Cys Lys Cys Glu Ala Arg Ile Glu Leu Val Val Glu Ser Ser
 65 70 75 80

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Phe Val Cys Pro Trp Cys Ala Ser Gln Gln
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<213> Artificial Sequence

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<212> DNA

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ctgaaagctt 130

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